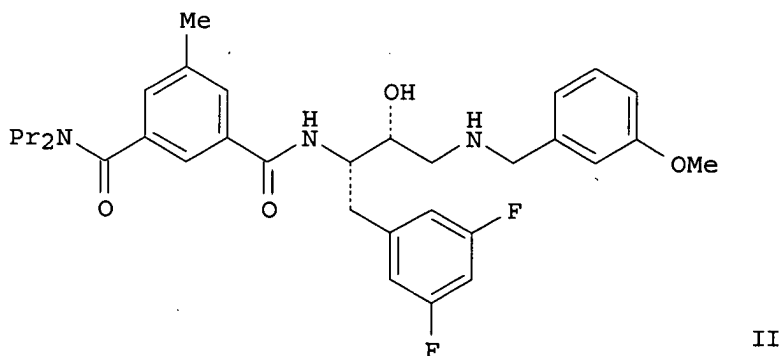
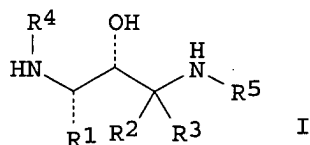


1. / 19 / 2005

ANSWER 5 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2003:696859 CAPLUS  
DOCUMENT NUMBER: 139:230480  
TITLE: Preparation of substituted amines prodrugs useful in treating Alzheimer's disease  
INVENTOR(S): Varghese, John; Jagodzinska, Barbara; Maillard, Michel; Beck, James P.; Tenbrink, Ruth E.; Getman, Daniel  
PATENT ASSIGNEE(S): Elan Pharmaceuticals, Inc., USA; Pharmacia & Upjohn  
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WO 2003072535	C1	20040930		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2002-359953P P 20020227  
OTHER SOURCE(S): MARPAT 139:230480  
GI



AB Amines [I; R1 = (un)substituted alkyl, alkenyl, alkynyl, etc.; R2 = H, (un)substituted alkyl, alkenyl, etc.; R3 = H, (un)substituted alkyl, alkenyl, etc.; R4 = XR; X = CO, SO<sub>2</sub>, a bond, etc.; R = Ph, naphthyl, indanyl, etc.; R5 = (un)substituted alkyl, (CH<sub>2</sub>)<sub>0-3</sub>cycloalkyl, etc.; e.g. N1-[(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(3-

methoxybenzyl)amino]propyl]-5-methyl-N3,N3-dipropylisophthalamide], useful in treating Alzheimer's disease and other similar diseases, were prepared. Although the methods of preparation are not claimed, hundreds of example preps. are included. Thus, reacting (2R,3S)-3-amino-4-(3,5-difluorophenyl)-1-[(3-methoxybenzyl)amino]-2-butanol trifluoroacetate with 5-methyl-N,N-dipropylisophthalamic acid in the presence of Et3N, 1-hydroxybenzotriazole and 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride in DMF afforded (1S,2R)-II (N1-[(1S,2R)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(3-methoxybenzyl)amino]propyl]-5-methyl-N3,N3-dipropylisophthalamide). The compds. I exhibit an IC50 of < 50 µM against β-secretase.

IT **388064-69-5P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[(3-iodobenzyl)amino]propyl]-5-oxo-5-(1-piperidinyl)pentanamide trifluoroacetate **388066-36-2P**, N-[(1R,2R)-1-Benzyl-2-hydroxy-3-[(3-methoxybenzyl)amino]propyl]-3-bromo-5-methylbenzamide **388071-98-5P**, N-[(1S,2R)-1-[4-(Benzyloxy)benzyl]-2-hydroxy-3-[(3-methoxybenzyl)amino]propyl]-N'-[4-(benzyloxy)butyl]-5-methyl-N'-propylisophthalamide  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (drug candidate; preparation of substituted amine prodrugs useful in treating Alzheimer's disease)

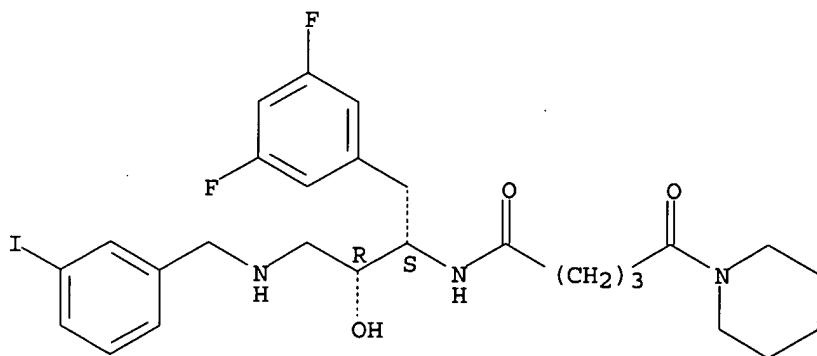
RN **388064-69-5** CAPLUS  
 CN 1-Piperidinepentanamide, N-[(1S,2R)-1-[(3,5-difluorophenyl)methyl]-2-hydroxy-3-[[[(3-iodophenyl)methyl]amino]propyl]-8-oxo-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 388064-68-4

CMF C27 H34 F2 I N3 O3

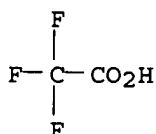
Absolute stereochemistry.



CM 2

CRN 76-05-1

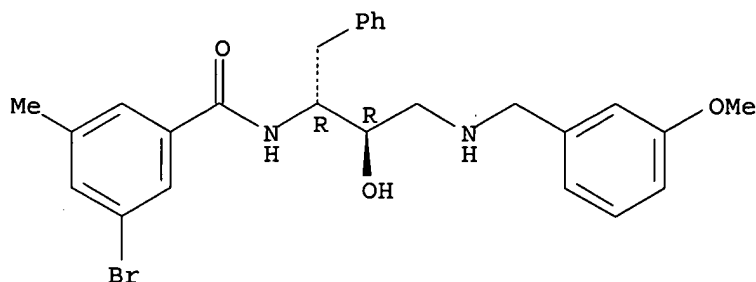
CMF C2 H F3 O2



RN 388066-36-2 CAPLUS

CN Benzamide, 3-bromo-N-[(1R,2R)-2-hydroxy-3-[[3-methoxyphenyl)methyl]amino]-1-(phenylmethyl)propyl]-5-methyl- (9CI) (CA INDEX NAME)

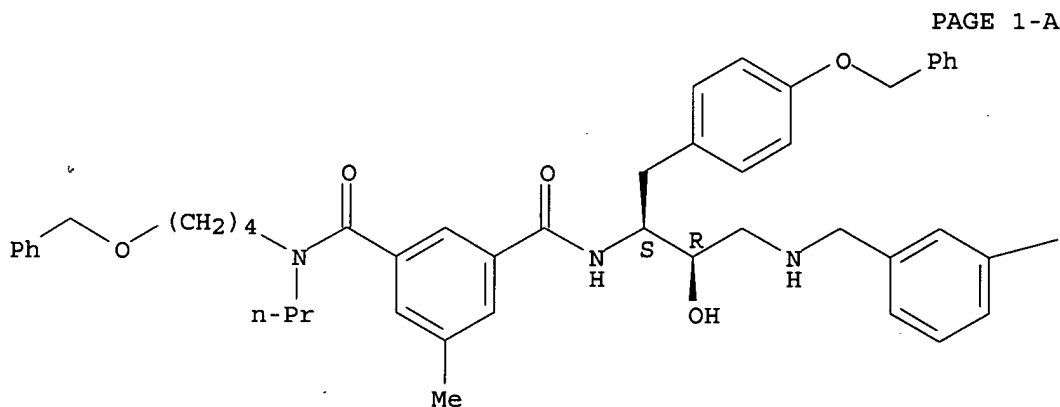
Absolute stereochemistry.



RN 388071-98-5 CAPLUS

CN 1,3-Benzenedicarboxamide, N'-[(1S,2R)-2-hydroxy-3-[[3-methoxyphenyl)methyl]amino]-1-[[4-(phenylmethoxy)phenyl)methyl]propyl]-5-methyl-N-[4-(phenylmethoxy)butyl]-N-propyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-A

PAGE 1-B

—OMe

IT 388062-16-6P, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[(3-methoxybenzyl)amino]propyl]-5-methyl-N',N'-dipropylisophthalamide  
388062-17-7P, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-3-[(2-furyl)methyl]amino]-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide  
388062-18-8P, N-[(1S,2R)-1-Benzyl-3-(ethylamino)-2-hydroxypropyl]-N',N'-dipropylisophthalamide 388062-19-9P, N-[(1S,2R)-1-Benzyl-3-(benzylamino)-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
388062-20-2P, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-(isopropylamino)propyl]-N',N'-dipropylisophthalamide 388062-21-3P, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-(4-toluidino)propyl]-N',N'-dipropylisophthalamide 388062-22-4P, N-[(1S,2R)-1-Benzyl-2-

hydroxy-3-[[2-(4-methoxyphenyl)ethyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-23-5P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[(3-methoxybenzyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-24-6P**, Ethyl [[(3S)-3-[[3-[(dipropylamino)carbonyl]benzoyl]  
 amino]-2-hydroxy-4-phenylbutyl]amino] (phenyl) acetate **388062-25-7P**  
 , N-[(1S)-1-Benzyl-2-hydroxy-3-[[[(1S)-2-hydroxy-1-(hydroxymethyl)-2-(4-  
 nitrophenyl)ethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-26-8P**, N-[(1S,2R)-1-Benzyl-3-[(2-chlorobenzyl)amino]-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-27-9P**,  
 N-[(1S,2R)-1-Benzyl-3-[(4-chlorobenzyl)amino]-2-hydroxypropyl]-N',N'-  
 dipropylisophthalamide **388062-28-0P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[[2-(2-hydroxyethoxy)ethyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-29-1P**, N-[(1S,2R)-1-Benzyl-3-(2,3-  
 dihydro-1H-inden-1-ylamino)-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-30-4P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(2-  
 hydroxypropyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-31-5P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(tetrahydro-2-  
 furanyl)methyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-32-6P**, N-[(1S,2R)-1-Benzyl-3-[(2,2-diethoxyethyl)amino]-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-33-7P**,  
 N-[(1S,2R)-1-Benzyl-3-(butylamino)-2-hydroxypropyl]-N',N'-  
 dipropylisophthalamide **388062-34-8P**, N-[(1S,2R)-1-Benzyl-3-  
 (cyclohexylamino)-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-35-9P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[2-  
 pyridinyl)methyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-36-0P**, N-[(1S,2R)-3-[(2-Aminobenzyl)amino]-1-benzyl-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-37-1P**,  
 N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[3-pyridinyl)methyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-38-2P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[[2-(1-pyrrolidinyl)ethyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-39-3P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[(2-hydroxy-2-phenylethyl)amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-40-6P**, N-[(1S,2R)-1-Benzyl-3-[(3-  
 butoxypropyl)amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-41-7P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(3-  
 isopropoxypropyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-42-8P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-  
 (isopentylamino)propyl]-N',N'-dipropylisophthalamide **388062-43-9P**  
 , N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(3-phenylpropyl)amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-44-0P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[(2-methoxyethyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-45-1P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(2-  
 phenoxyethyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-46-2P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(2-  
 propoxyethyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-47-3P**, N-[(1S,2R)-1-Benzyl-3-[(3,3-dimethylbutyl)amino]-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-48-4P**,  
 N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(4-phenylbutyl)amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-49-5P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[(3-iodobenzyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-51-9P**, N-[(1S,2R)-1-Benzyl-3-[(3-chlorobenzyl)amino]-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-52-0P**,  
 N-[(1S,2R)-1-Benzyl-3-[[2-(4-chlorophenyl)ethyl]amino]-2-hydroxypropyl]-  
 N',N'-dipropylisophthalamide **388062-53-1P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[[2-(2-pyridinyl)ethyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-54-2P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[[4-pyridinyl)methyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-56-4P**, N-[(1S,2R)-1-Benzyl-3-[(2,3-dimethylbenzyl)amino]-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-57-5P**,  
 N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[2-(trifluoromethoxy)benzyl]amino]propyl]-  
 N',N'-dipropylisophthalamide **388062-58-6P**, N-[(1S,2R)-1-Benzyl-3-  
 [(2-chloro-6-phenoxybenzyl)amino]-2-hydroxypropyl]-N',N'-  
 dipropylisophthalamide **388062-59-7P**,  
 N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[4-(trifluoromethyl)benzyl]amino]propyl]-

N',N'-dipropylisophthalamide **388062-60-0P**, N-[(1S,2R)-1-Benzyl-3-  
 [(2,3-dichlorobenzyl)amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-61-1P**, N-[(1S,2R)-1-Benzyl-3-[(3,5-dichlorobenzyl)amino]-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-62-2P**,  
 N-[(1S,2R)-1-Benzyl-3-[(3,5-difluorobenzyl)amino]-2-hydroxypropyl]-N',N'-  
 dipropylisophthalamide **388062-63-3P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[[4-(trifluoromethoxy)benzyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-64-4P**, N-[(1S,2R)-3-[[2-[4-  
 (aminosulfonyl)phenyl]ethyl]amino]-1-benzyl-2-hydroxypropyl]-N',N'-  
 dipropylisophthalamide **388062-65-5P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[(4-methoxybenzyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-66-6P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(4-  
 methylbenzyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-67-7P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(3,4,5-  
 trimethoxybenzyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-68-8P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[3-  
 (trifluoromethoxy)benzyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-69-9P**, N-[(1S,2R)-1-Benzyl-3-[(3,5-dimethoxybenzyl)amino]-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-70-2P**,  
 N-[(1S,2R)-1-Benzyl-3-[(2,4-dimethoxybenzyl)amino]-2-hydroxypropyl]-N',N'-  
 dipropylisophthalamide **388062-71-3P**, N-[(1S,2R)-1-Benzyl-3-  
 [[[(1,1'-biphenyl)-3-yl]methyl]amino]-2-hydroxypropyl]-N',N'-  
 dipropylisophthalamide **388062-72-4P**, N-[(1S,2R)-1-Benzyl-3-[(3,4-  
 dichlorobenzyl)amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-73-5P**, N-[(1S,2R)-1-Benzyl-3-[(2-fluorobenzyl)amino]-2-  
 hydroxypropyl]-N',N'-dipropylisophthalamide **388062-74-6P**,  
 N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[3-(trifluoromethyl)benzyl]amino]propyl]-  
 N',N'-dipropylisophthalamide **388062-75-7P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[(2-methylbenzyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388062-76-8P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(1R)-1-  
 phenylethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-77-9P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(1S)-1-  
 phenylethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-78-0P**, N-[(1S,2R)-1-Benzyl-3-[[3,5-  
 bis(trifluoromethyl)benzyl]amino]-2-hydroxypropyl]-N',N'-  
 dipropylisophthalamide **388062-79-1P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[[2-(trifluoromethyl)benzyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-80-4P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[[[(1S)-1-(1-naphthyl)ethyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-81-5P**, N-[(1S,2R)-1-Benzyl-2-  
 hydroxy-3-[[[(1R)-1-(1-naphthyl)ethyl]amino]propyl]-N',N'-  
 dipropylisophthalamide **388062-82-6P**, N-[(1S,2R)-1-Benzyl-2-  
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 dipropylisophthalamide **388062-83-7P**, N-[(1S,2R)-1-Benzyl-3-[(3,4-  
 dihydroxybenzyl)amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-85-9P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(1S)-2-hydroxy-1-  
 methylethyl]amino]propyl]-N',N'-dipropylisophthalamide  
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 methylethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-87-1P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(2-  
 propynyl)amino]propyl]-N',N'-dipropylisophthalamide **388062-88-2P**  
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 dipropylisophthalamide **388062-90-6P**, N-[(1S,2R)-1-Benzyl-3-[[2-  
 (4-fluorophenyl)ethyl]amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-91-7P**, N-[(1S,2R)-1-Benzyl-3-[[2-(4-  
 bromophenyl)ethyl]amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-92-8P**, N-[(1S)-1-Benzyl-2-hydroxy-3-[[2-(3-  
 methoxyphenyl)ethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-93-9P**, N-[(1S,2R)-1-Benzyl-3-[[2-(2,4-  
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 chlorophenyl)ethyl]amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide

**388062-95-1P**, N-[(1S)-1-Benzyl-3-[[2-(2,5-dimethoxyphenyl)ethyl]amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-96-2P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[2-(4-methylphenyl)ethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-97-3P**, N-[(1S,2R)-1-Benzyl-3-[(1R)-1-benzyl-2-hydroxyethyl]amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388062-98-4P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[3-(4-morpholinyl)propyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388062-99-5P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-(isobutylamino)propyl]-N',N'-dipropylisophthalamide **388063-00-1P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[2-(4-morpholinyl)ethyl]amino]propyl]-N',N'-dipropylisophthalamide **388063-01-2P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(2-hydroxybutyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388063-02-3P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[[2-(2-thienyl)ethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388063-03-4P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(4-hydroxybutyl)amino]propyl]-N',N'-dipropylisophthalamide  
**388063-04-5P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(1S)-2-hydroxy-1-phenylethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388063-05-6P**, N-[(1S,2R)-1-Benzyl-3-[(2,4-dichlorobenzyl)amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide **388063-06-7P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(1R)-2-hydroxy-1-phenylethyl]amino]propyl]-N',N'-dipropylisophthalamide  
**388063-07-8P**, N-[(1S,2R)-1-Benzyl-3-[(4-tert-butylbenzyl)amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide **388063-08-9P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(1-phenylethyl)amino]propyl]-N',N'-dipropylisophthalamide **388063-09-0P**, N-[(1S,2R)-1-Benzyl-2-hydroxy-3-[(1R,2S)-2-hydroxy-2,3-dihydro-1H-inden-1-yl]amino]propyl]-N',N'-dipropylisophthalamide **388063-10-3P**, N-[(1S,2R)-1-Benzyl-3-[(3,4-dimethylbenzyl)amino]-2-hydroxypropyl]-N',N'-dipropylisophthalamide  
**388063-11-4P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[2-(isobutylamino)-1-methyl-2-oxoethyl]amino]propyl]-N',N'-dipropylisophthalamide **388063-12-5P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[1S)-2-(isobutylamino)-1-methyl-2-oxoethyl]amino]propyl]-N',N'-dipropylisophthalamide **388063-13-6P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[1S)-2-(isobutylamino)-1-methyl-2-oxoethyl]amino]propyl]-N',N'-dipropyl-3,5-pyridinedicarboxamide  
**388063-14-7P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[2-(isobutylamino)-1,1-dimethyl-2-oxoethyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-15-8P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[2-(isobutylamino)-2-oxoethyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-16-9P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[1S)-1-(isobutylamino)carbonyl]propyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-17-0P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[1R)-1-(isobutylamino)carbonyl]propyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-18-1P**, N-[(1S,2R)-3-(Benzylamino)-1-(3,5-difluorobenzyl)-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-19-2P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-3-(ethylamino)-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-21-6P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[3-(isobutylamino)-2-methyl-3-oxopropyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide  
**388063-22-7P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-3-[[4-(dimethylamino)benzyl]amino]-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-23-8P**, N-[(1S,2R)-3-[[1S)-1-Benzyl-2-(isobutylamino)-2-oxoethyl]amino]-1-(3,5-difluorobenzyl)-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-24-9P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[1S)-1-(isobutylamino)carbonyl]-2-methylpropyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-25-0P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-3-[[2-(dimethylamino)ethyl]amino]-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-26-1P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[3-

pyridinyl)methyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide  
**388063-27-2P**, N-[(1S,2R)-3-[[[(1S)-1-[(Benzyloxy)methyl]-2-(isobutylamino)-2-oxoethyl]amino]-1-(3,5-difluorobenzyl)-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-28-3P**,  
 N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[(1-methyl-1-phenylethyl)amino]propyl]-5-methyl-N',N'-dipropylisophthalamide  
**388063-29-4P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[[(1R)-1-[(isobutylamino)carbonyl]-2-methylpropyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-30-7P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[[(1S)-1-[(isobutylamino)carbonyl]butyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-31-8P**,  
 N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[[(1S)-1-(hydroxymethyl)-2-(isobutylamino)-2-oxoethyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-32-9P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[(2-phenylethyl)amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-33-0P**, N-[(1S,2R)-3-[[[(1S)-2-(Benzylamino)-1-methyl-2-oxoethyl]amino]-1-(3,5-difluorobenzyl)-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-34-1P**,  
 N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[[(1S)-1-phenylpropyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-35-2P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-3-[[[(1S)-2-(ethylamino)-1-methyl-2-oxoethyl]amino]-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-36-3P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[[(1S)-2-(isobutylamino)-2-oxo-1-phenylethyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-37-4P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-(isopentylamino)propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-38-5P**, N-[(1S,2R)-3-(Cyclohexylamino)-1-(3,5-difluorobenzyl)-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-39-6P**, N-[(1S,2R)-3-(Butylamino)-1-(3,5-difluorobenzyl)-2-hydroxypropyl]-5-methyl-N',N'-dipropylisophthalamide **388063-40-9P**,  
 N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[(3-methoxypropyl)amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-41-0P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[(2-hydroxy-2-phenylethyl)amino]propyl]-5-methyl-N',N'-dipropylisophthalamide **388063-42-1P**, N-[(1S,2R)-1-(3,5-Difluorobenzyl)-2-hydroxy-3-[[[(1R)-1-phenylpropyl]amino]propyl]-5-methyl-N',N'-dipropylisophthalamide